

September 25, 2000

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CC: Daryl Hue, Everett SHEA, Hazardous Materials Management Manager  
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FROM: Julie Lewis, Everett SHEA, Environmental Affairs

SUBJECT: Hazardous Material Management Metrics

Introduction: Rob, Misty, Bill Dunn and myself met in late August to discuss which metrics would be most helpful to characterize the task of receiving and distributing hazardous materials at the Everett and Harbour Pointe sites. This is the data I collected and provided for Rob and Misty's effort, a continuation I understand of the Daniels' Study.

Here is the data for Everett and Harbour Pointe sites:

**1) 1999 Sum of haz material used (list both Everett and HPT):**  
**a) pounds haz material received on site at ARAs**

The pounds of hazardous material estimated to have been used at each site during the 1999 reporting year is provided. In general, the usage estimate is the sum of the receipts at our Approved Receiving Areas (ARAs), however, our estimating methods includes a conservative and more accurate approach of considering year start inventory levels and filled orders from off site, Boeing Suppliers.

Everett, pounds rounded to nearest 1,000	Harbour Pointe, pounds rounded to nearest 1,000
7,514,000	70,000
7,171,000 not including bulk solvent deliveries	

**b) quantity of items received on site at ARAs**

The number of Items received in each ARA (for hazardous materials only):

Everett, rounded to nearest 1,000	Harbour Pointe, rounded to nearest 1,000
8,441,000	205,000

**c) number of different items received on site**

The number of different hazardous material Items (i.e. different material/container sizes combinations) handled by the ARAs at each site:

<b>Everett</b>	<b>Harbour Pointe</b>
2,518	542

**2) for three recent months, sum the number of ARA and CDC transactions, i.e. # of receipt transactions, # of transship transactions, # of issues, etc....**

The Transaction Summary Report in HAZMAT was run to provide this data. All transactions on the report are included:

	<b>May 2000</b>	<b>June 2000</b>	<b>July 2000</b>
<b>Everett ARAs</b>	19,210	20,214	18,210
<b>Everett CDCs &amp; Cribs</b>	89,447	90,941	82,734
<b>Everett Shipping</b>	245	333	167
<b>HPt ARA</b>	3,133	2,852	2,938

**3) 1999 Inventory On Hand (lb) of hazardous materials on site**

The average, daily, on-hand inventory of hazardous materials is taken from the 1999 SARA 312 report, but not including the inventory in product tanks, fuel tanks, and process tanks:

<b>Everett, pounds rounded to the nearest 1,000</b>	<b>Harbour Pointe, pounds rounded to the nearest 1,000</b>
1,306,000	9,000